



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)  
BOARD AND CODE ADMINISTRATION DIVISION

## NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY  
PRODUCT CONTROL SECTION  
11805 SW 26 Street, Room 208  
T (786) 315-2590 F (786) 315-2599  
[www.miamidade.gov/economy](http://www.miamidade.gov/economy)

Sunshine Windows Manufacturing, Inc.  
1745 W. 33<sup>rd</sup> Place  
Hialeah, FL 33012

### SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER - Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

### DESCRIPTION: Series "2009" Outswing Aluminum Casement Window – N.I.

**APPROVAL DOCUMENT:** Drawing No. CS09-02, titled "Series 2009 Out-Swinging Aluminum Casement Window – Non-Impact Resistant Glass", sheets 1 through 6 of 6, dated 12/03/08, with revision #1 dated 03/06/12, prepared by manufacturer, signed and sealed by Francisco Hernandez, P.E., bearing the Miami-Dade County Product Control Renewal stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

### MISSILE IMPACT RATING: None.

**LABELING:** Each unit shall bear a permanent label with the manufacturer's name or logo, city, state, model/series, and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

**RENEWAL** of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

**TERMINATION** of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

**ADVERTISEMENT:** The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

**INSPECTION:** A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA renews NOA# 12-0314. 10 and consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by Manuel Perez, P.E.



*Handwritten signature and date:*  
7/3/21/14

NOA No. 14-0203.04  
Expiration Date: June 17, 2019  
Approval Date: March 27, 2014  
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

**A. DRAWINGS**

1. Manufacturer's die drawings and sections.
2. Drawing No. **CS09-02**, titled "Series 2009 Out-Swinging Aluminum Casement Window – Non-Impact Resistant Glass", sheets 1 through 6 of 6, dated 12/03/08, with revision #1 dated 03/06/12, prepared by manufacturer, signed and sealed by Francisco Hernandez, P.E.  
*(Submitted under previous NOA# 12-0314.10)*

**B. TESTS**

1. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94  
2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94  
3) Water Resistance Test, per FBC, TAS 202-94  
4) Forced Entry Test, per FBC 2411 3.2.1, TAS 202-94  
along with marked-up drawings and installation diagram of an outswing aluminum casement window, glazed with 1/4" and 3/16" tempered glass, prepared by Fenestration Testing Laboratory, Inc. Test Report No. **FTL-5542**, dated 07/01/08, signed and sealed by Carlos S. Rionda, P.E.  
*(Submitted under NOA# 08-1224.11)*
2. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94  
2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94  
3) Water Resistance Test, per FBC, TAS 202-94  
4) Forced Entry Test, per FBC 2411 3.2.1, TAS 202-94  
along with marked-up drawings and installation diagram of an outswing aluminum casement window, glazed with 1/4" annealed glass, prepared by Fenestration Testing Laboratory, Inc. Test Report No. **FTL-5231**, dated 04/09/07, signed and sealed by Carlos S. Rionda, P.E.  
*(Submitted under NOA# 08-1224.11)*

**C. CALCULATIONS**

1. Anchor verification calculations, structural and comparative analysis, complying with FBC-2004, dated 12/10/08, prepared, signed and sealed by Francisco Hernandez, P.E.  
*(Submitted under NOA# 10-0407.02)*
2. Glazing complies with ASTM E1300-04

**D. QUALITY ASSURANCE**

1. Miami-Dade Department of Regulatory and Economic Resources (RER)

  
Manuel Perez, P.E.  
Product Control Examiner  
NOA No. 14-0203.04

Expiration Date: June 17, 2019  
Approval Date: March 27, 2014

Sunshine Windows Manufacturing, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

E. MATERIAL CERTIFICATIONS


1. None.

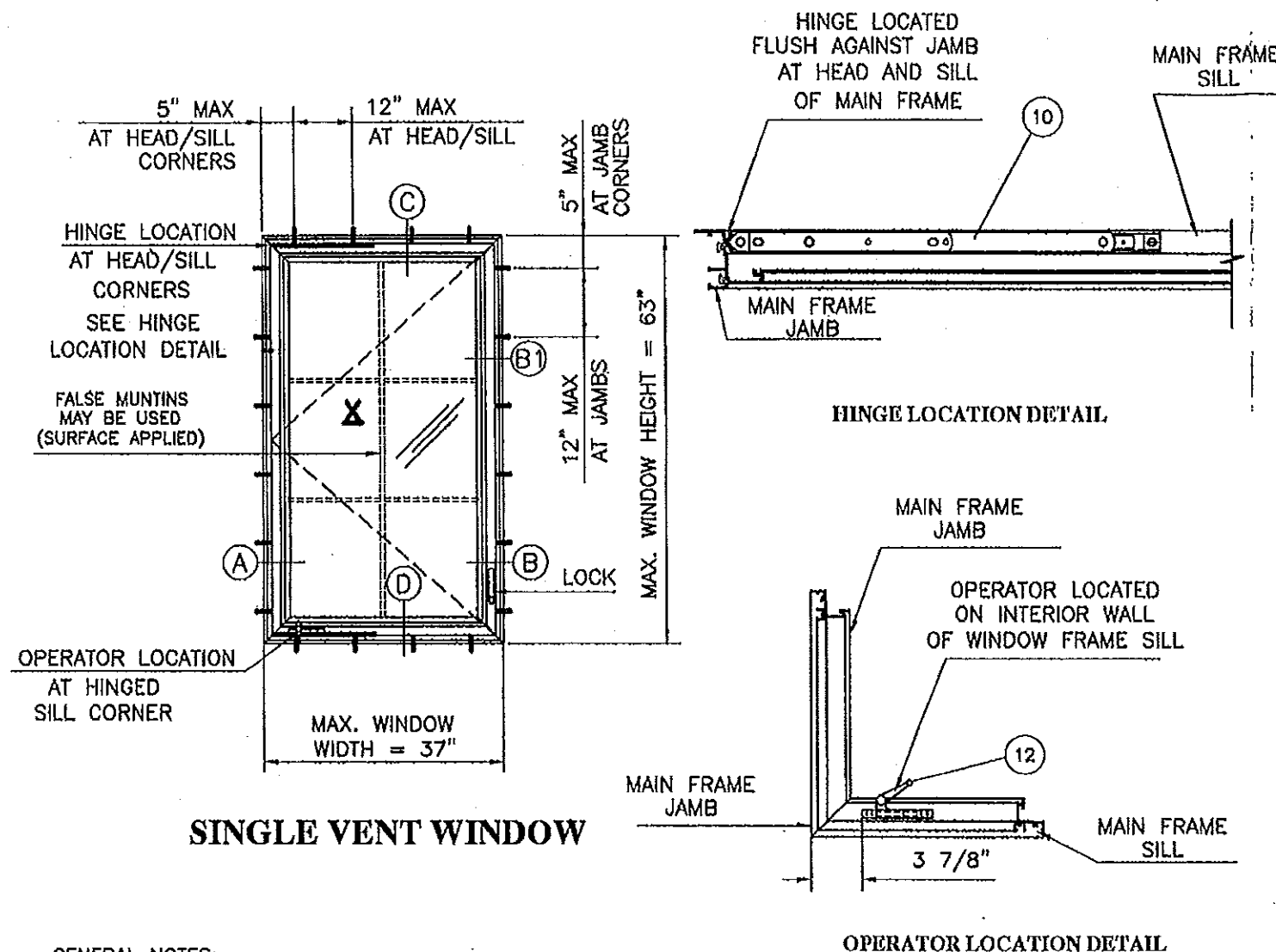
F. STATEMENTS

1. Statement letter of conformance, complying with **FBC-2010**, and of no financial interest, dated March 09, 2012, signed and sealed by Francisco Hernandez, P.E.  
*(Submitted under previous NOA# 12-0314.10)*
2. Laboratory compliance letter for Test Report No. **FTL-5542**, issued by Fenestration Testing Laboratory, Inc., dated 05/12/09, signed and sealed by Michael Wenzel, P.E.  
*(Submitted under NOA# 08-1224.11)*
3. Laboratory compliance letter for Test Report No. **FTL-5231**, issued by Fenestration Testing Laboratory, Inc., dated 08/13/07, signed and sealed by Carlos S. Rionda, P.E.  
*(Submitted under s NOA# 08-1224.11)*

G. OTHERS

1. Notice of Acceptance No. **12-0314.10**, issued to Sunshine Windows Manufacturing, Inc. for their Series "2009" Outswing Aluminum Casement Window – N.I., approved on 05/24/12 and expiring on 06/17/14.

  
Manuel Perez, P.E.  
Product Control Examiner  
NOA No. 14-0203.04  
Expiration Date: June 17, 2019  
Approval Date: March 27, 2014



**SINGLE VENT WINDOW**

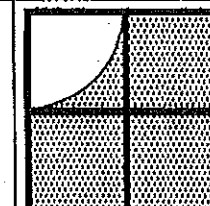
**OPERATOR LOCATION DETAIL**

**GENERAL NOTES:**

- 1.- THIS PRODUCT MEETS THE REQUIREMENTS OF THE 2010 FBC.
- 2.- MIAMI-DADE APPROVED SHUTTERS ARE REQUIRED.
- 3.- HINGE LEFT OR HINGE RIGHT CONFIGURATION.
- 4.- FOR NUMBER OF ANCHORS FOR EACH UNIT SIZE REFER TO DESIGN PRESSURES CHART.
- 5.- FOR ATTACHMENT INTO CONCRETE OR MASONRY WITH 1 BY USE 1/4" DIAM. ULTRACON BY ELCO WITH 1 1/4" MIN. EMBEDMENT INTO CONCRETE/MASONRY AND 2 1/2" MIN EDGE DIST.. FOR ATTACHMENT INTO 2 BY OR WOODEN STRUCTURE USE 1/4" DIAM. ULTRACON BY ELCO WITH 1 1/2" MIN. EMBEDMENT INTO WOOD AND 1" MIN. EDGE DISTANCE. FOR ATTACHMENT INTO METAL USE 1/4" DIAM. GRADE 5 SHEET METAL SCREWS WITH 1" MIN. EDGE DISTANCE.
- 6.- CONCRETE STRENGTH  $f'c=3,200$  psi MIN., CMU PER ASTM C90., FILLED CMU  $f_m=2,000$  psi MIN.
- 7.- USE NON SHRINK NON METALLIC GROUT 3 KSI MIN. AS REQUIRED.
- 8.- WOOD HOST STRUCTURE SHALL BE "SOUTHERN YELLOW PINE"  $G=0.55$  OR GREATER DENSITY.
- 9.- THE THICKNESS OF THE STEEL/ALUMINUM HOST STRUCTURE SHALL BE NO LESS THAN 1/8". ALUMINUM SHALL BE 6063-T6. STEEL SHALL BE  $F_y=36$  KSI MIN.
- 10.- WOOD BUCKS (BY OTHERS) SHALL BE PROPERLY ATTACHED TO TRANSFER GLAZING SYSTEM LOADS TO THE STRUCTURE AND SHALL BE APPROVED BY BUILDING OFFICIAL PRIOR TO WINDOW INSTALLATION.
- 11.- ALUMINUM IN CONTACT WITH DISSIMILAR MATERIALS SHALL BE PROTECTED (BY OTHERS) AS SPECIFIED IN SECTION 2003.8.4 OF THE 2010 FBC.

**DESIGN PRESSURES CHART - PSF**

WINDOW DIMENSION		NUMBER OF ANCHORS		1/4" ANNEALED GLASS		3/16" TEMPERED GLASS		1/4" TEMPERED GLASS	
				EXT.	INT.	EXT.	INT.	EXT.	INT.
WIDTH	HEIGHT	AT HEAD AND AT SILL	PER JAMB						
STANDARD SIZES	19 1/8"	2		70.00	135.40	150.00	174.10	150.00	209.00
	28 1/2"	3	3	70.00	97.70	125.70	125.70	150.00	209.00
	37"	4		70.00	76.75	98.70	98.70	150.00	164.50
	19 1/8"	2		70.00	127.40	150.00	163.80	150.00	209.00
	28 1/2"	3	4	70.00	97.70	125.65	125.65	150.00	209.00
	37"	4		70.00	70.00	90.00	90.00	150.00	150.00
MODULAR SIZES	19 1/8"	2		70.00	117.90	150.00	151.60	150.00	209.00
	28 1/2"	3	5	70.00	93.50	120.33	120.20	150.00	199.15
	37"	4		70.00	70.00	90.00	90.00	150.00	150.00
	19 1/8"	2		70.00	112.75	145.00	145.00	150.00	209.00
	28 1/2"	3	6	70.00	87.40	112.40	112.40	150.00	179.55
	37"	4		62.50	62.50	90.00	90.00	143.75	143.75
	24"	3	3	70.00	107.90	138.75	138.75	150.00	209.00
	36"	4		70.00	80.90	104.00	104.00	150.00	173.40
	24"	3	4	70.00	107.90	138.75	138.75	150.00	209.00
	36"	4		70.00	71.90	92.50	92.50	150.00	154.15
	24"	3	5	70.00	101.60	130.65	130.65	150.00	209.00
	36"	4		70.00	71.90	92.50	92.50	150.00	154.15
	24"	3	6	70.00	95.25	122.50	122.50	150.00	204.15
	36"	4		68.40	68.40	92.50	92.50	150.00	154.15



Sunshine Windows  
Manufacturing, Inc.  
1746 W. 33rd Place  
Hialeah, Florida 33012  
Ph: (305)364-9852  
Fax: (305)828-5118

**SERIES 2009 OUT-SWINGING  
ALUMINUM CASEMENT WINDOW  
NON-IMPACT RESISTANT GLASS**

REVISION	DATE	DESCRIPTION
1	03-06-12	UPDATED FOR 2010 FBC

DRAWING No.  
**CS09-02**

DATE: 12-03-08

SCALE: NTS

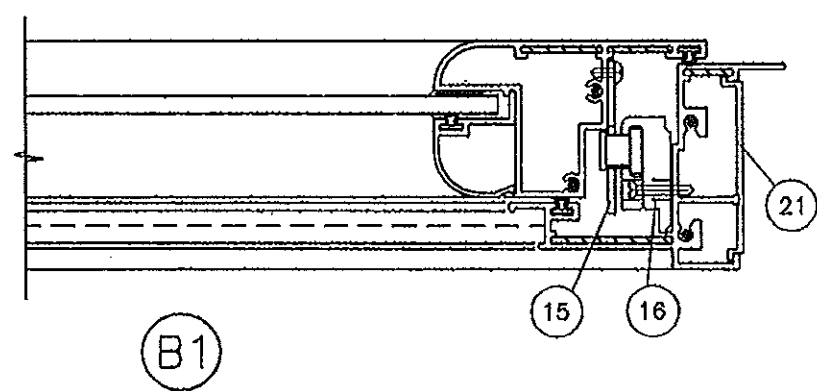
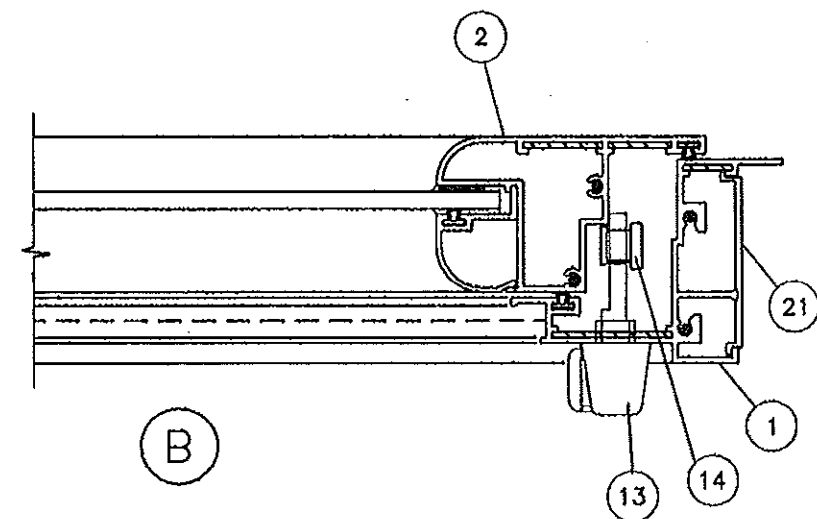
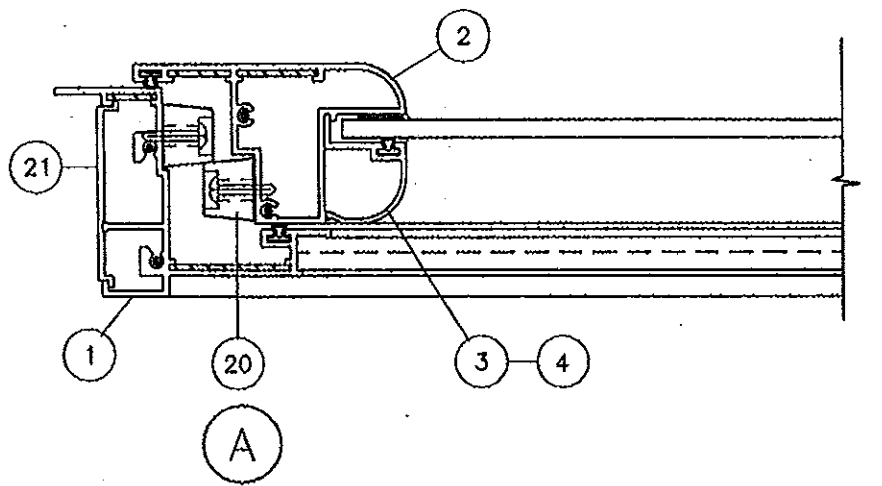
SHEET 1 OF 6

PRODUCT RENEWED  
as complying with the Florida  
Building Code  
Acceptance No. 14-0203-04  
Expiration Date: June 11, 2019  
By: *Manuel Perez*  
Miami Dade Product Control

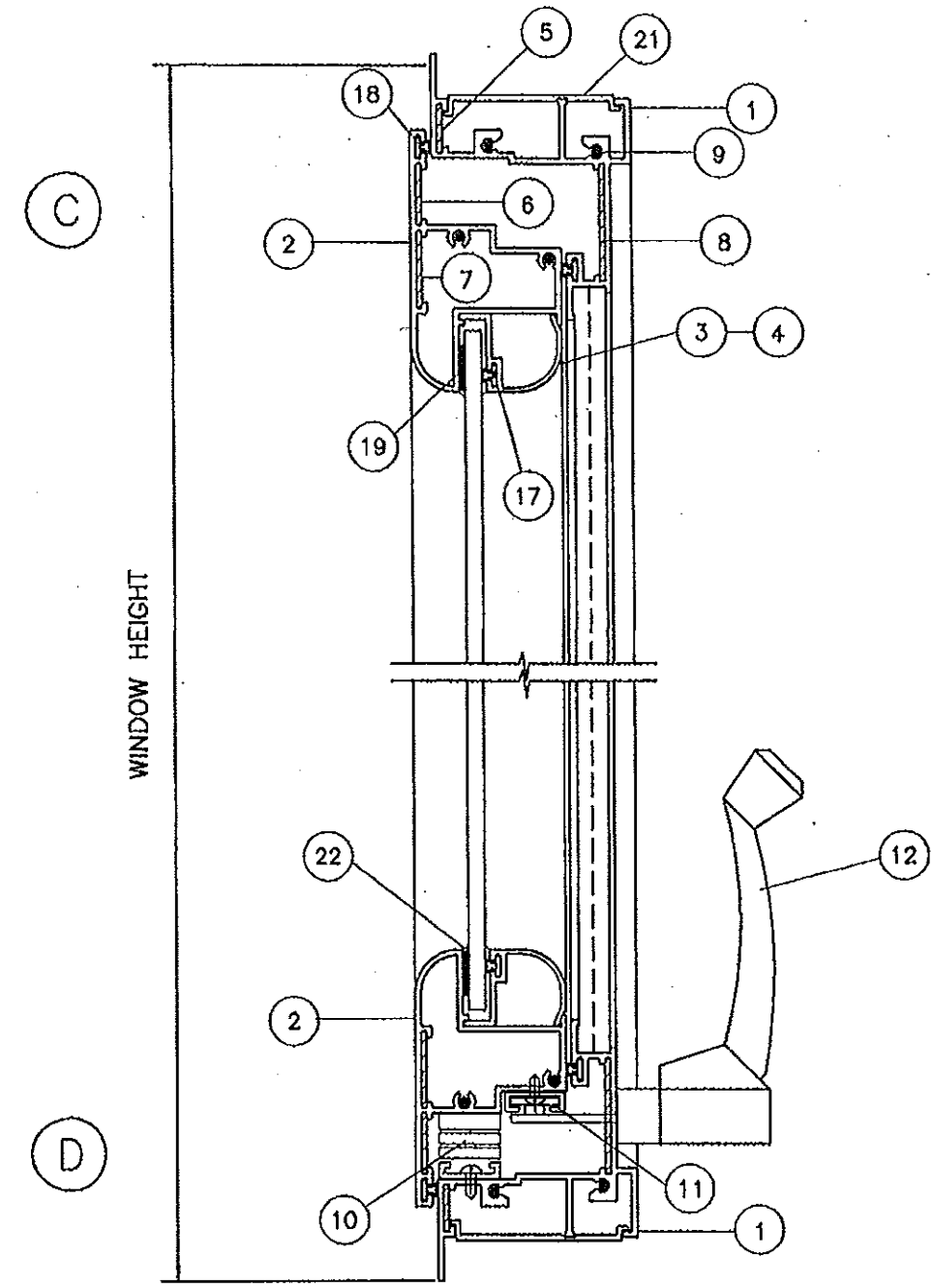
PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No. 12-0314-10  
Expiration Date: June 17, 2014  
By: *Manuel Perez*  
Miami Dade Product Control

*FHJ*  
3-9-12

FRANCISCO HERNANDEZ  
FLORIDA, P.E. # 51393



# **HORIZONTAL SECTIONS**



# **VERTICAL SECTION**

PRODUCT RENEWED  
 as complying with the Florida  
 Building Code  
 Acceptance No. 14-020304  
 Expiration Date June 17, 2019  
 By *Manuel Perez*  
 Miami Dade Product Control

PRODUCT REVISED  
 as complying with the Florida  
 Building Code  
 Acceptance No. 12-0314-10  
 Expiration Date JUNE 17, 2014  
 By *Manuel Perez*  
 Miami Dade Product Control

*Francisco Hernandez*  
 3-9-12  
 FRANCISCO HERNANDEZ  
 FLORIDA PE # 51393

**Sunshine Windows  
 Manufacturing, Inc.**  
 1745 W. 33rd Place  
 Hialeah, Florida 33012  
 Ph: (305)384-9982  
 Fax: (305)828-6118

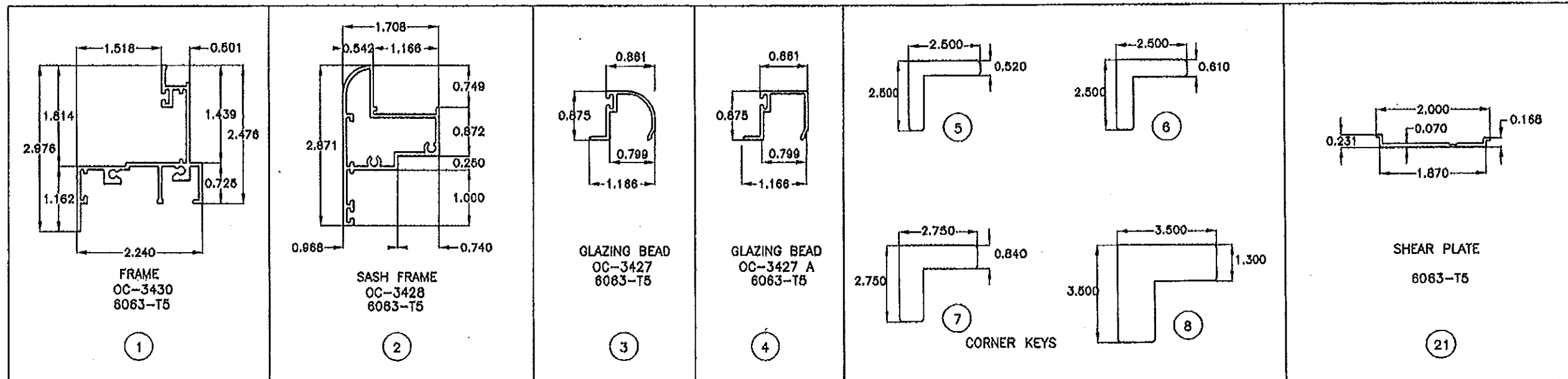
# **SERIES 2009 OUT-SWINGING ALUMINUM CASEMENT WINDOW NON-IMPACT RESISTANT GLASS**

NO	DATE	REVISION
1	03-06-12	NO CHANGE THIS SHEET

DRAWING No.  
 CS09-02  
 DATE: 12-03-08  
 SCALE: 1/2"=1"  
 SHEET 2 OF 6

ITEM #	PART#	QTY	DESCRIPTION	MATERIAL	REMARKS
1	OC-3430	4	FRAME	6063-T5	
2	OC-3428	1	VENT	6063-T5	
3	OC-3427	AS RQD	CURVED GLAZING BEAD	6063-T5	
4	OC-3427 A	AS RQD	RECTANGULAR GLAZING BEAD	6063-T5	
5	-	1	.057" THICK CORNER KEY	STAINLESS STEEL	
6	-	1	.057" THICK CORNER KEY	STAINLESS STEEL	
7	-	1	.057" THICK CORNER KEY	STAINLESS STEEL	
8	-	1	.057" THICK CORNER KEY	STAINLESS STEEL	
9	-	16	ASSEMBLY SCREWS	# 8 X 1" PH SMS	
10	35.13.00	1	EGRESS 4 BAR HINGE	STAINLESS STEEL	TRUTH HARDWARE
11	30175	1	TRACK	STAINLESS STEEL	TRUTH HARDWARE

ITEM#	PART#	QTY	DESCRIPTION	MATERIAL	REMARKS
12	23.01	1	SINGLE ARM OPERATOR	STEEL	TRUTH HARDWARE
13	24.30	1	MULTI-POINT LOCK	ZINC	TRUTH HARDWARE
14	11901-22	1	TIE BAR	STEEL	TRUTH HARDWARE
15	31648	AS RQD	KEEPERS	STEEL	TRUTH HARDWARE
16	03144	AS RQD	TIE BAR GUIDE	NYLON	ULTRA HARDWARE
17	4905	AS RQD	GLAZING BEAD BULB	VINYL	TRUTH HARDWARE
18	E20310KN	AS RQD	WEATHER STRIP BULB	VINYL	ULTRAFAB
19	—	AS RQD	GLAZING TAPE	FOAM	FRANK LOWE
20	—	AS RQD	SNUBBERS	NYLON	
21	—	4	SHEAR PLATE	6063-T5	FULL LENGTH
22	—	AS RQD	DOW CORNING 899	SILICONE SEALANT	



**PRODUCT RENEWED**  
 as complying with the Florida  
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 Acceptance No. 14-0203.04  
 Expiration Date June 17, 2019  
 By Mmanuel Perez  
 Miami Dade Product Control

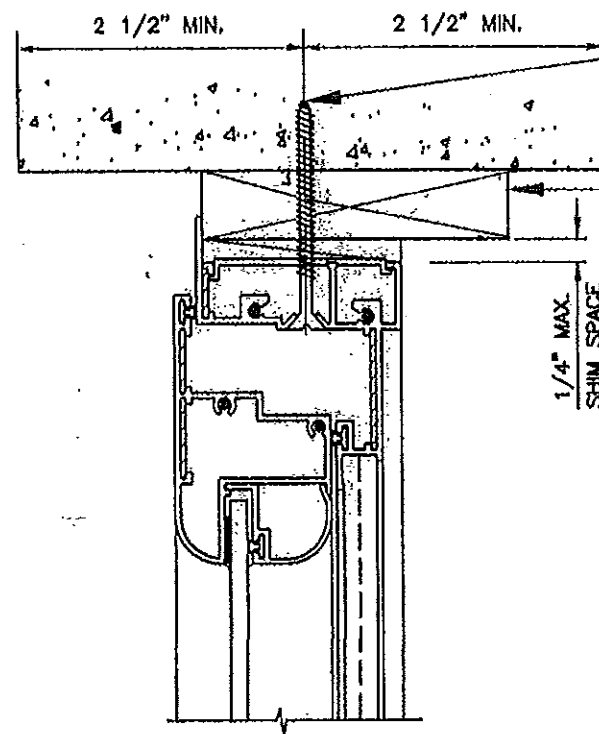
PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No 12-D314-10  
Expiration Date JUNE 17, 2014  
By Mamuel Cruz  
Miami Dade Product Control

FRANCISCO, HERNANDEZ  
FLORIDA, PE # 51393

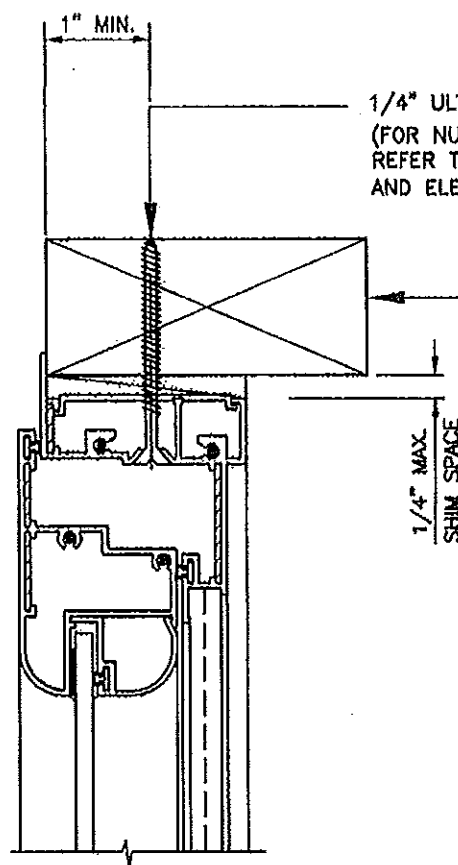
**SERIES 2009 OUT-SWINGING  
ALUMINUM CASEMENT WINDOW  
NON-IMPACT RESISTANT GLASS**

No	DATE	REVISION
1	03-06-12	NO CHANGE THIS SHEET

DRAWING No.  
CS09-02  
DATE: 12-03-08  
SCALE: 1/2"=1"  
SHEET 3 OF 6

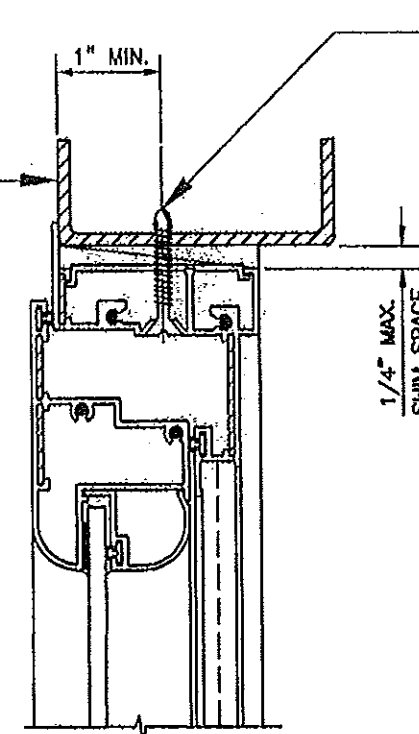


ATTACHMENT TO MASONRY



ATTACHMENT TO WOOD

METAL STRUCTURAL MEMBER BY OTHERS  
(SHALL WITHSTAND ANCHOR SHEAR FORCES)  
MINIMUM THICKNESS = 1/8"



ATTACHMENT TO METAL STRUCTURE

1/4" SMS. THROUGH METAL  
(FOR NUMBER OF ANCHORS AND  
AND MAX. SPACING  
REFER TO DESIGN PRESSURES CHART  
AND ELEVATION ON SHEET 1 OF 6).

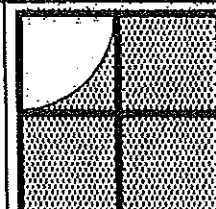
## TYPICAL SECTIONS AT HEAD

PRODUCT RENEWED  
as complying with the Florida  
Building Code  
Acceptance No. 14-0203-04  
Expiration Date June 17, 2014  
By *Manuel Perez*  
Miami Dade Product Control

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By *Manuel Perez*  
Miami Dade Product Control

*FH*  
3-9-12

FRANCISCO HERNANDEZ  
FLORIDA, PE # 51393



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Ph: (305) 384-9852  
Fax: (305) 828-5118

SERIES 2009 OUT-SWINGING  
ALUMINUM CASEMENT WINDOW  
NON-IMPACT RESISTANT GLASS

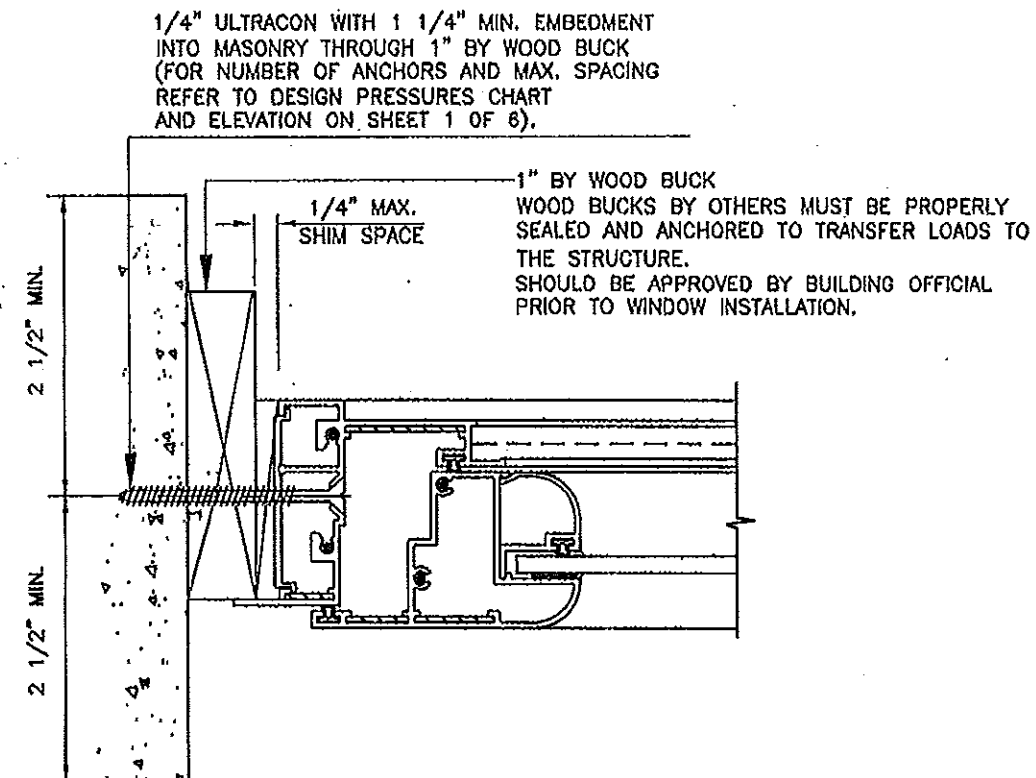
NO	DATE	REVISION
1	03-06-12	NO CHANGE THIS SHEET

DRAWING No.  
CS09-02

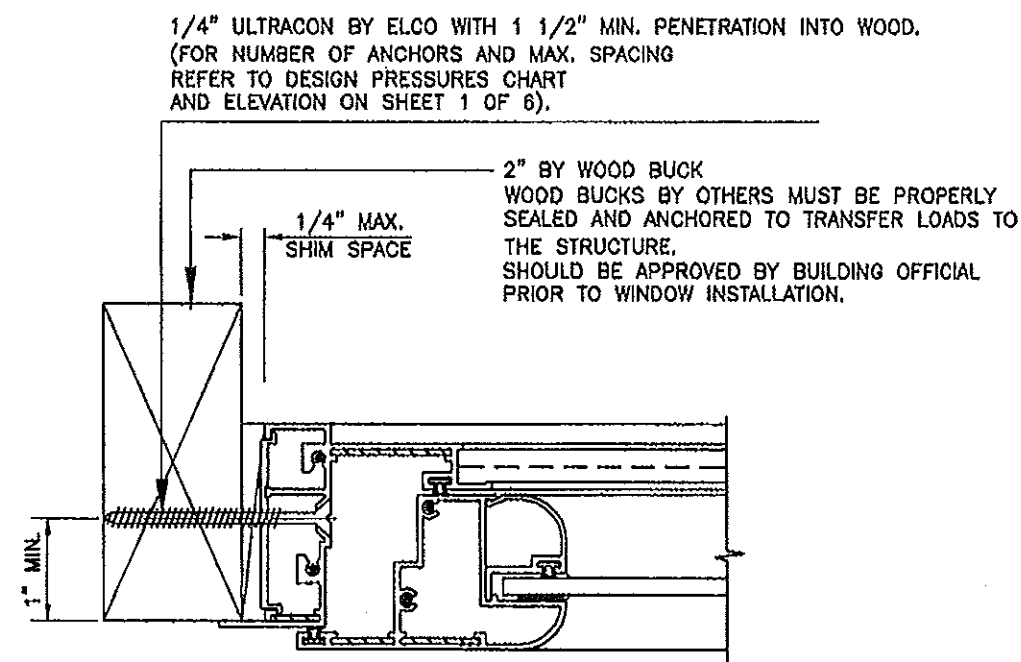
DATE: 12-03-08

SCALE: 1/2"=1"

SHEET 4 OF 6



ATTACHMENT TO MASONRY

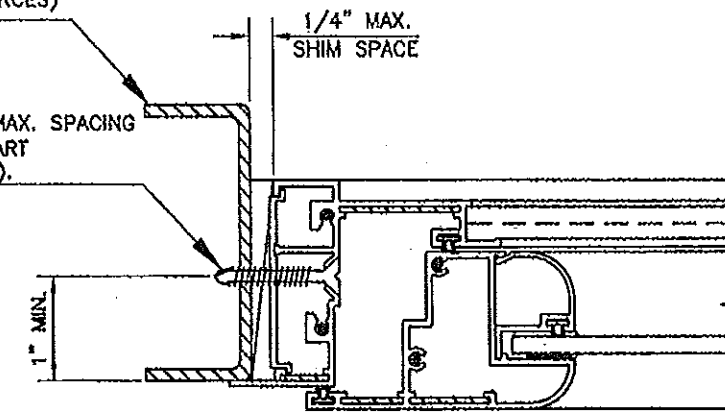


ATTACHMENT TO WOOD

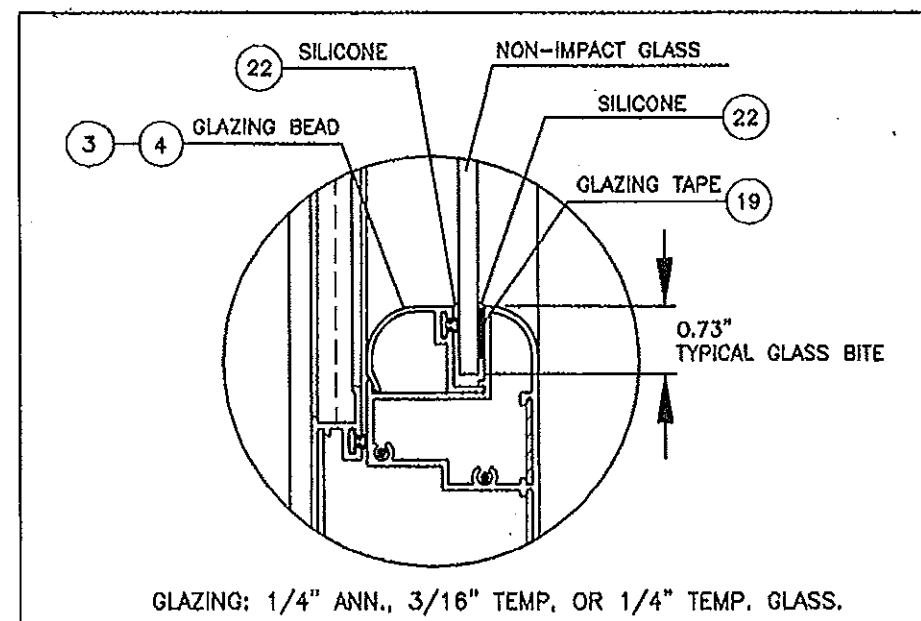
## TYPICAL SECTIONS AT JAMBS

METAL STRUCTURAL MEMBER BY OTHERS  
(SHALL WITHSTAND ANCHOR SHEAR FORCES)  
MINIMUM THICKNESS = 1/8"

1/4" SMS, THROUGH METAL  
(FOR NUMBER OF ANCHORS AND MAX. SPACING REFER TO DESIGN PRESSURES CHART AND ELEVATION ON SHEET 1 OF 6).



ATTACHMENT TO METAL STRUCTURE

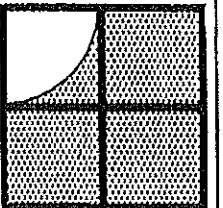


GLAZING DETAIL

PRODUCT RENEWED:  
as complying with the Florida  
Building Code  
Acceptance No. 14-0203-04  
Expiration Date June 17, 2019  
By Manuel Perez  
Miami Dade Product Control

PRODUCT REVISED  
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Building Code  
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Expiration Date June 17, 2014  
By Manuel Perez  
Miami Dade Product Control

FRANCISCO HERNANDEZ  
FLORIDA, PE # 81393



Sunshine Windows  
Manufacturing, Inc.

1745 W. 33rd Place  
Hialeah, Florida 33012  
Ph: (305)364-8852  
Fax: (305)828-5118

SERIES 2009 OUT-SWINGING  
ALUMINUM CASEMENT WINDOW  
NON-IMPACT RESISTANT GLASS

NO.	DATE	REVISION
1	03-06-12	NO CHANGE THIS SHEET

DRAWING No.  
CS09-02

DATE: 12-03-08

SCALE: 1/2"=1"

SHEET 5 OF 6



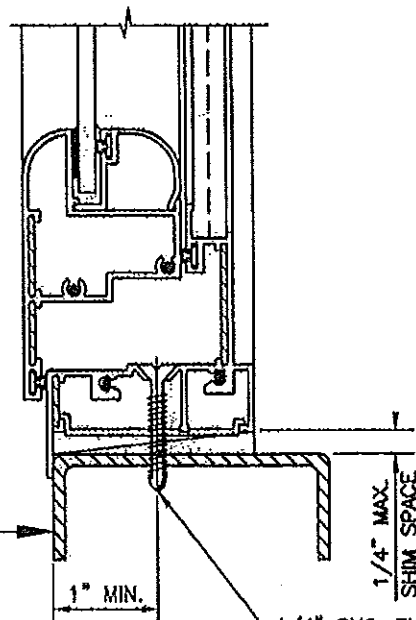
Sunshine Windows  
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Hialeah, Florida 33012  
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**SERIES 2009 OUT-SWINGING  
ALUMINUM CASEMENT WINDOW  
NON-IMPACT RESISTANT GLASS**

NO	DATE	REVISION	NO	CHANGE THIS SHEET
1	03-06-12			

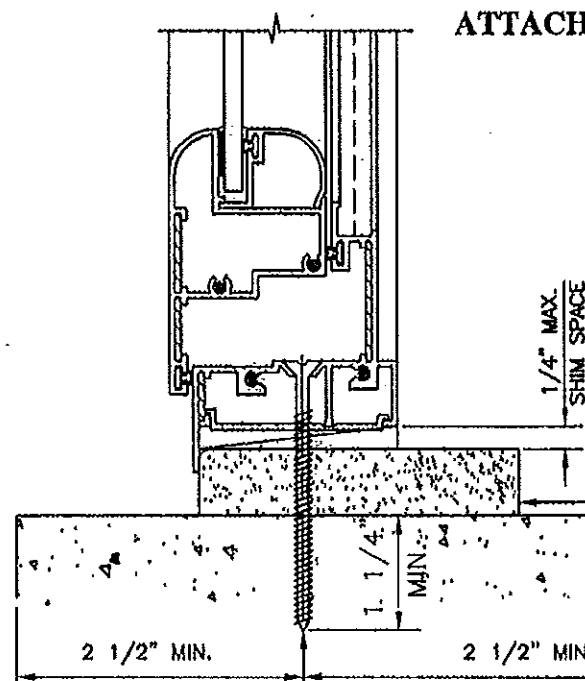
DRAWING No.  
**CS09-02**  
DATE: 12-03-08  
SCALE: 1/2"=1"  
SHEET 6 OF 8

METAL STRUCTURAL MEMBER BY OTHERS  
(SHALL WITHSTAND ANCHOR SHEAR FORCES)  
MINIMUM THICKNESS = 1/8"



1/4" SMS THROUGH METAL  
(FOR NUMBER OF ANCHORS AND MAX. SPACING  
REFER TO DESIGN PRESSURES CHART  
AND ELEVATION ON SHEET 1 OF 6).

**ATTACHMENT TO METAL STRUCTURE**



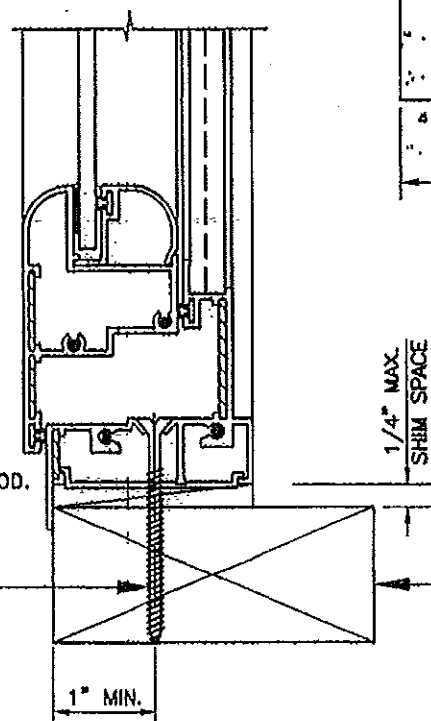
1/4" ULTRACONS WITH 1 1/4" MIN. EMBEDMENT  
INTO MASONRY THROUGH 1" BY WOOD BUCK  
OR NON SHRINK NON METALLIC GROUT  
(FOR NUMBER OF ANCHORS AND MAX. SPACING  
REFER TO DESIGN PRESSURES CHART  
AND ELEVATION ON SHEET 1 OF 6).

**ATTACHMENT TO MASONRY**

1/4" ULTRACON 1 1/2" MIN. PENETRATION INTO WOOD.  
(FOR NUMBER OF ANCHORS AND MAX. SPACING  
REFER TO DESIGN PRESSURES CHART  
AND ELEVATION ON SHEET 1 OF 6).

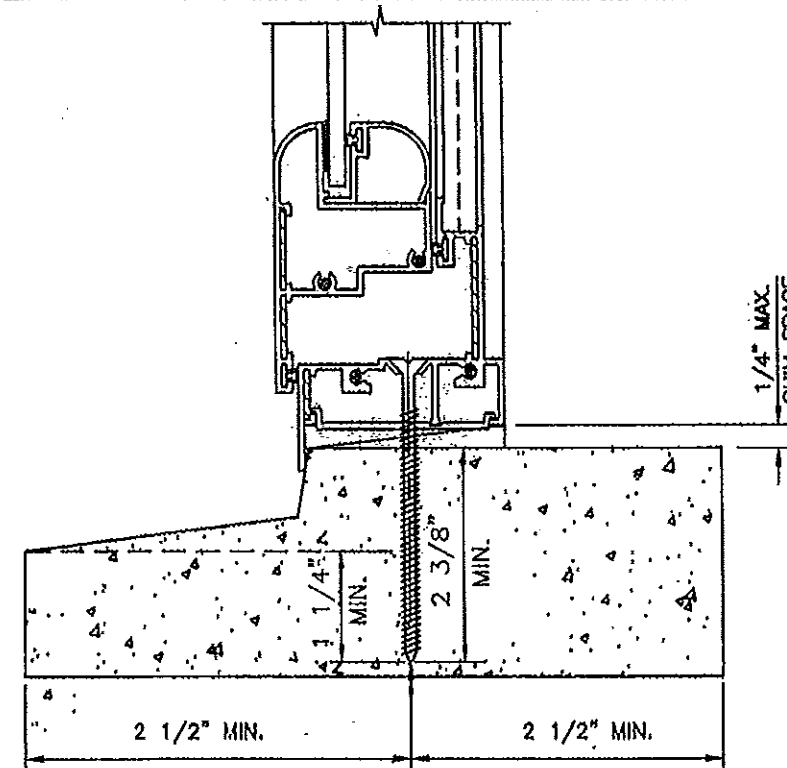
3/4" MAX. NON-SHRINK  
NON-METALLIC GROUT 3 KSI MIN.  
OR 1" BY WOOD BUCK.

**ATTACHMENT TO WOOD**



2" BY WOOD BUCK  
WOOD BUCKS BY OTHERS MUST BE PROPERLY  
SEALED AND ANCHORED TO TRANSFER LOADS TO  
THE STRUCTURE.  
SHOULD BE APPROVED BY BUILDING OFFICIAL  
PRIOR TO WINDOW INSTALLATION.

**ATTACHMENT TO PRE-CAST SILL**



1/4" ULTRACONS WITH 1 1/4" MIN. EMBEDMENT  
INTO MASONRY  
(FOR NUMBER OF ANCHORS AND MAX. SPACING  
REFER TO DESIGN PRESSURES CHART  
AND ELEVATION ON SHEET 1 OF 6).

**TYPICAL SECTIONS AT SILL**

PRODUCT RENEWED  
as complying with the Florida  
Building Code  
Acceptance No. 14-0203-04  
Expiration Date: JUNE 17, 2014  
By: Manuel Perez  
Miami Dade Product Control

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No. 12-0314-10  
Expiration Date: JUNE 17, 2014  
By: Manuel Perez  
Miami Dade Product Control

FRANCISCO HERNANDEZ  
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